Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
Data File : BG055542.D
Acq On : 10 Nov 2022 16:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 11 02:00:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	48139	20.000	ng		0.00
21) Naphthalene-d8	11.102	136	204200	20.000	ng		# 0.00
39) Acenaphthene-d10	14.892	164	148197	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	343163	20.000	ng		0.00
76) Chrysene-d12	21.931	240	316969	20.000	ng		0.00
86) Perylene-d12	25.350	264	346109	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	208864	82.642	ng		0.00
7) Phenol-d6	7.401	99	294645	84.399	ng		0.00
23) Nitrobenzene-d5	9.445	82	302737	100.505	ng		0.00
42) 2,4,6-Tribromophenol	16.372	330	145968	100.949	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	771976	78.574	ng		0.00
79) Terphenyl-d14	20.215	244	1234549	78.230	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.640	88	46848	36.494	ng		94
3) Pyridine	4.052	79	142828	40.016	ng		96
4) n-Nitrosodimethylamine	3.958	42	81221	41.807	ng		97
6) Aniline	7.589	93	185217	39.942	ng		99
8) 2-Chlorophenol	7.830	128	118076	41.731	ng		98
9) Benzaldehyde	7.401	77	106412	38.633	ng		94
10) Phenol	7.430	94	161536	40.193	ng		99
11) bis(2-Chloroethyl)ether	7.677	93	126792	39.185	ng		98
12) 1,3-Dichlorobenzene	8.164	146	137918	39.021	ng		97
13) 1,4-Dichlorobenzene	8.311	146	140673	39.327	ng		98
14) 1,2-Dichlorobenzene	8.634	146	133191	39.209	ng		99
15) Benzyl Alcohol	8.505	79	129531	42.547	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.799	45	261480	42.056	ng		98
17) 2-Methylphenol	8.699	107	114675	40.547	ng		95
18) Hexachloroethane	9.375	117	49863	41.990	ng		99
19) n-Nitroso-di-n-propyla...	9.081	70	118186	40.963	ng		95
20) 3+4-Methylphenols	9.028	107	166659	42.299	ng		96
22) Acetophenone	9.099	105	212672	39.151	ng	#	96
24) Nitrobenzene	9.486	77	160656	46.360	ng		100
25) Isophorone	10.009	82	311475	40.475	ng		99
26) 2-Nitrophenol	10.203	139	60248	52.556	ng	#	91
27) 2,4-Dimethylphenol	10.244	122	117914	42.856	ng		99
28) bis(2-Chloroethoxy)met...	10.491	93	167914	40.469	ng		99
29) 2,4-Dichlorophenol	10.738	162	133261	44.072	ng		96
30) 1,2,4-Trichlorobenzene	10.961	180	148113	39.105	ng		99
31) Naphthalene	11.155	128	439166	39.779	ng		99
32) Benzoic acid	10.362	122	87947	51.144	ng		93
33) 4-Chloroaniline	11.249	127	185824	40.268	ng		99
34) Hexachlorobutadiene	11.437	225	99673	39.458	ng		98
35) Caprolactam	12.019	113	47514	46.096	ng		96
36) 4-Chloro-3-methylphenol	12.342	107	153553	43.082	ng		99
37) 2-Methylnaphthalene	12.741	142	334818	40.364	ng		100
38) 1-Methylnaphthalene	12.959	142	324712	40.020	ng		99
40) 1,2,4,5-Tetrachloroben...	13.100	216	175204	39.578	ng		99
41) Hexachlorocyclopentadiene	13.082	237	89554	47.254	ng		98
43) 2,4,6-Trichlorophenol	13.329	196	121737	46.769	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.399	196	136225	45.716	ng		98
46) 1,1'-Biphenyl	13.734	154	431540	39.803	ng		100
47) 2-Chloronaphthalene	13.781	162	327999	39.168	ng		98
48) 2-Nitroaniline	13.969	65	106055	49.075	ng		100
49) Acenaphthylene	14.616	152	558545	40.310	ng		100
50) Dimethylphthalate	14.340	163	467866	41.547	ng		99
51) 2,6-Dinitrotoluene	14.457	165	88927	45.126	ng		98
52) Acenaphthene	14.956	154	355552	41.103	ng		99
53) 3-Nitroaniline	14.786	138	101936	43.181	ng		98
54) 2,4-Dinitrophenol	14.980	184	36777	52.526	ng	#	75
55) Dibenzofuran	15.285	168	552928	39.982	ng		98
56) 4-Nitrophenol	15.068	139	78793	47.253	ng		98
57) 2,4-Dinitrotoluene	15.238	165	119274	45.796	ng		98
58) Fluorene	15.932	166	437523	39.767	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.503	232	127173	46.045	ng		99
60) Diethylphthalate	15.691	149	477070	41.644	ng		98
61) 4-Chlorophenyl-phenyle...	15.920	204	232437	39.718	ng		99
62) 4-Nitroaniline	15.944	138	104463	46.790	ng		98
63) Azobenzene	16.214	77	451285	40.641	ng		99
65) 4,6-Dinitro-2-methylph...	15.996	198	55493	49.612	ng		94
66) n-Nitrosodiphenylamine	16.132	169	390076	40.576	ng		99
67) 4-Bromophenyl-phenylether	16.813	248	150059	42.864	ng		99
68) Hexachlorobenzene	16.936	284	163823	39.362	ng		100
69) Atrazine	17.072	200	145297	41.763	ng		98
70) Pentachlorophenol	17.271	266	105964	46.472	ng		98
71) Phenanthrene	17.677	178	736483	39.933	ng		99
72) Anthracene	17.765	178	719480	39.807	ng		100
73) Carbazole	18.029	167	638814	39.108	ng		99
74) Di-n-butylphthalate	18.576	149	804147	42.938	ng		100
75) Fluoranthene	19.669	202	846282	38.479	ng		100
77) Benzidine	19.839	184	349134	40.714	ng		98
78) Pyrene	20.027	202	856180	39.911	ng		99
80) Butylbenzylphthalate	20.902	149	349149	43.102	ng		99
81) Benzo(a)anthracene	21.907	228	866660	39.918	ng		99
82) 3,3'-Dichlorobenzidine	21.813	252	295015	41.635	ng		99
83) Chrysene	21.978	228	830533	40.229	ng		99
84) Bis(2-ethylhexyl)phtha...	21.801	149	500756	46.252	ng		99
85) Di-n-octyl phthalate	23.088	149	849536	45.407	ng		99
87) Indeno(1,2,3-cd)pyrene	29.293	276	1027038	38.961	ng		100
88) Benzo(b)fluoranthene	24.263	252	859969	39.215	ng		99
89) Benzo(k)fluoranthene	24.334	252	879450	39.227	ng		100
90) Benzo(a)pyrene	25.192	252	748980	39.649	ng		99
91) Dibenzo(a,h)anthracene	29.363	278	842930	38.629	ng		100
92) Benzo(g,h,i)perylene	30.521	276	841702	39.459	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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